

In the claims:

The following listing of claims replaces all prior versions and listing of claims in the pending application:

1 – 46 (Cancelled)

47. (Currently amended) A system for distributing high-speed packetized information to a plurality of subscriber units, comprising:

at least one distribution point comprising a host digital terminal distribution center for converting the high-speed packetized information to an ~~first~~ optical format;

a distributed routing network ~~in communication with~~ adapted to receive the high-speed packetized information from the host digital terminal distribution center, the distributed routing network comprising, a plurality of distribution points, each distribution point in the plurality of distribution points in radio contact with at least one other distribution point in the plurality of distribution points; and a plurality of access points, wherein the host digital terminal is in communication with at least one of the plurality of access points or at least one of the plurality of distribution points;

at least one access point comprising an optical network unit adapted to receive the high-speed packetized information from ~~in communication with~~ the distributed routing network and adapted to convert the high-speed packetized information from the ~~first~~ optical format to a second ~~optical~~ format;

a network interface device ~~in communication with~~ adapted to receive the high-speed packetized information from the optical network unit ~~and for forwarding the high-speed~~

packetized information in the second ~~optical~~ format to at least one of the plurality of subscriber units.

48. (Currently amended) The system of claim 47, wherein the second ~~optical~~ format is compatible with copper wiring.

49. (Currently amended) The system of claim 47, wherein the second ~~optical~~ format is compatible with coaxial cable.

50. (Previously presented) The system of claim 47, wherein the high-speed packetized information is provided through a VDSL service.

51. (Previously presented) The system of claim 47, wherein the high-speed packetized information is provided through a fiber optic service.

52. (Currently amended) The system of claim 47, wherein the host digital terminal distribution center provides a plurality of video channels for distribution to the plurality of subscriber units.

53. (Currently amended) The system of claim 47 wherein at least one of the plurality of subscriber units comprises ~~is~~ a mobile device in communication with the at least one access point~~the distributed routing network~~ through a wireless connection.

54. (Currently amended) The system of claim 47 wherein at least one of the subscriber units comprises ~~is a mobile device~~ in communication with the ~~distributed routing network interface device~~ through a land-line wired connection.

55. (Previously presented) The system of claim 47 wherein the network interface device is a set-top box.

56. (Previously presented) The system of claim 47 wherein the network interface device is a gateway.

57. (Previously presented) The system of claim 47 wherein the network interface device is a decoder.

58. (Currently amended) A system for distributing high-speed packetized information to a plurality of subscriber units, comprising:

a host digital terminal video distribution center for storing data and converting the data to high-speed packetized information in an first optical format;

a distributed routing network ~~in communication with~~ adapted to receive the high-speed packetized information from the host digital terminal video distribution center ~~for~~;

an optical network unit ~~in communication with~~ adapted to receive the packetized information from the distributed routing network and ~~adapted to~~ convert the high-speed packetized information from the first optical format to a second optical format;

a network interface device ~~in communication with~~ adapted to receive the high-speed packetized information from the optical network unit ~~and for forwarding~~ the high-speed packetized information in the second ~~optical~~ format to at least one of the plurality of subscriber units.

59. (Previously presented) The system of claim 58, wherein the data stored on the host digital terminal video distribution center comprises a plurality of information channels.

60. (Currently amended) The system of claim 59, wherein the host digital terminal video distribution center is adapted to receive a request from at least one of the plurality of subscriber units to access one of the plurality of information channels.

61. (Currently amended) The system of claim 60, wherein the host digital terminal video distribution center is adapted to,

respond to the request from the at least one of the plurality of subscriber units to access one of the plurality of information channels; and

deliver the one of the plurality of information channels to the one of the plurality of subscriber units.

62. (Currently amended) A method of distributing high-speed information packets to at least one of a plurality of subscriber units, comprising:

storing data at a distribution point comprising a host digital terminal distribution center;

converting the data into a plurality of high-speed information packets;

converting the plurality of high speed information packets into an ~~first~~ optical format;  
forwarding at least one of the plurality of high-speed information packets from the host digital terminal distribution center to a distributed routing network, ~~the distributed routing network comprising,~~

~~a plurality of distribution points, each distribution point in the plurality of distribution points in radio contact with at least one other distribution point in the plurality of distribution points; and~~

~~a plurality of access points, wherein the host digital terminal is in communication with at least one of the plurality of access points or at least one of the plurality of distribution points;~~

forwarding the at least one of the plurality of high-speed information packets from the distributed routing network to an access point comprising an optical network unit in ~~communication with the distributed routing network;~~

converting the at least one of the plurality of high-speed information packets from the ~~first~~ optical format to a second ~~optical~~ format;

forwarding the at least one of the plurality of high-speed information packets in the second ~~optical~~ format from a network interface device to the at least one of a plurality of subscriber units.

63. (Currently amended) The method of claim 62 further comprising:

processing a request at the at least one of a plurality of subscriber units to access the data stored at the host digital terminal distribution center; and

determining if the data stored at the host digital terminal distribution center is available for distribution.

64. (Currently amended) The method of claim 63 wherein processing a request at the at least one of a plurality of subscriber units to access the data stored at the host digital terminal distribution center comprises determining that the requesting at least one of a plurality of subscriber units is within the coverage area of the host digital terminal distribution center.

65. (Currently amended) The method of claim 63 wherein processing a request at the at least one of a plurality of subscriber units to access the data stored at the host digital terminal distribution center comprises receiving a message from the at least one of a plurality of subscriber units.

66. (Previously Presented) The method of claim 62 further comprising transmitting a dummy address as the destination for the data.

67. (Previously Presented) The method of claim 62, further comprising:  
determining that the at least one of the plurality of subscriber units ~~are~~is no longer accessing the data;  
terminating transmission of the data; and  
noting that the at least one of the subscriber units is no longer receiving the data.

68. (New) The system of claim 47 wherein, at least one of the host digital terminal distribution center and optical network unit comprises a video distribution center, the video distribution center adapted to receive and relay requests between a video supplier and at least one of a customer gateway and one of the plurality of subscriber units.